



Water & Sewerage  
Department

# DWSD Community Meeting: Charles Wright Academy Bioretention

*April 29, 2021*

# Agenda

1. Why We're Here Today
2. DWSD At Work
3. Project Overview
4. Impacts to You
5. Questions

# Why We Are Here

Since 2013, in accordance with the NPDES permit, the Detroit Water and Sewerage Department (DWSD) has been pursuing Green Stormwater Infrastructure and will invest \$50 million into Green Stormwater Infrastructure (GSI) by 2029. This investment is part of the City's effort to reduce Combined Sewer Overflows (CSO) to the Rouge River.

The projects for this year include the Charles Wright Academy Bioretention.

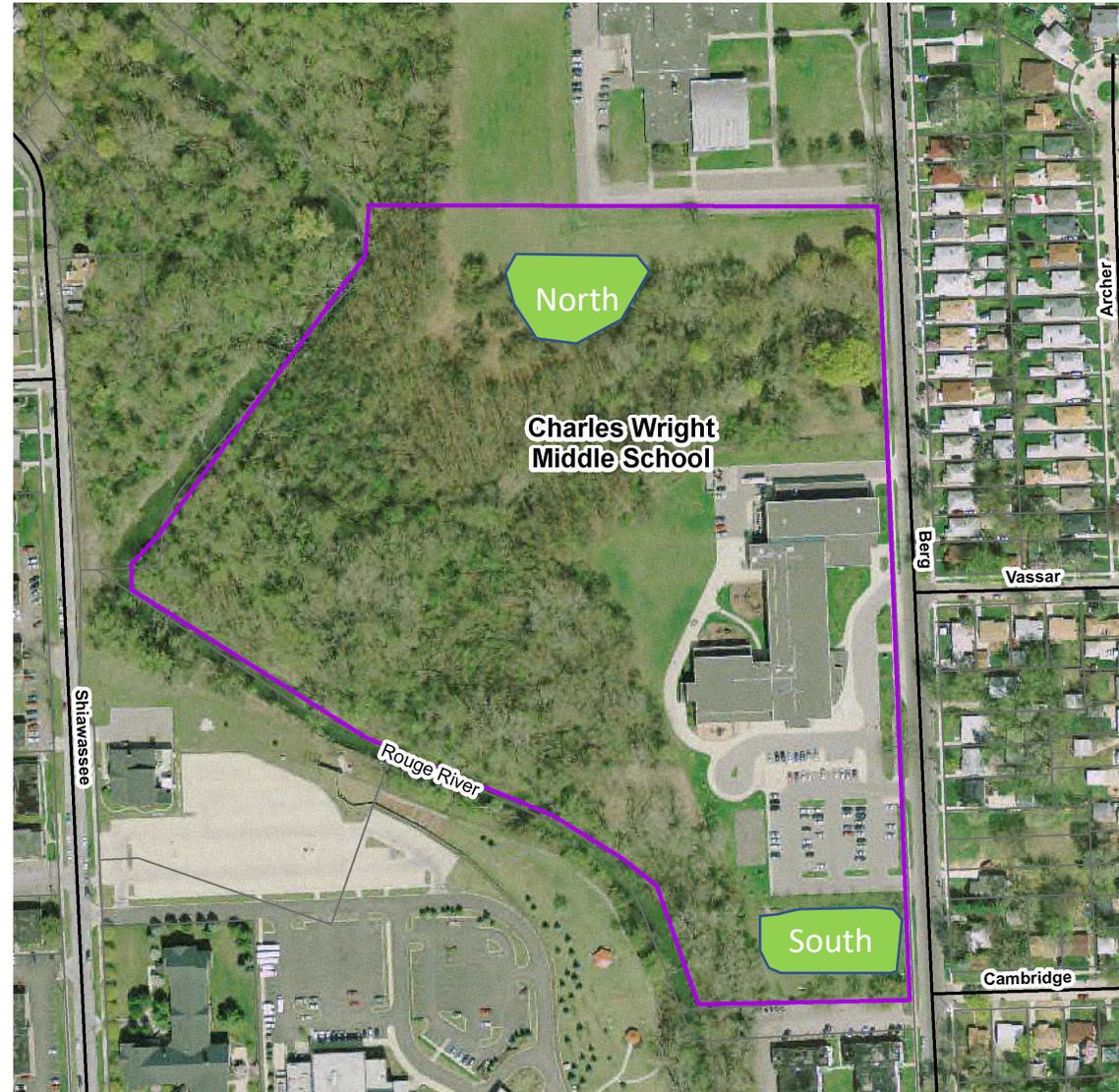
# DWSD Capital Improvement Program Update

- DWSD has invested **\$200M** in capital improvement projects since 2019
  - Water main, hydrant and lead service line replacement
  - Sewer lining and replacement
  - Green Stormwater Infrastructure installations
- **Condition assessments** and other data are used to determine necessary upgrades
- DWSD and our contractors have:
  - Replaced **66 miles** of water main and more than **1,155 lead service lines**
  - Replaced or lined **50 miles** of sewer collection piping
  - Installed **11 bioretention gardens**
- DWSD crews also performing **preventative maintenance tasks**



# Charles Wright Bioretention

- Redirect rooftop and parking lot areas to **two bioretention cells**
- Stormwater is infiltrated/filtered; excess flows to Rouge River
- 5.5 acres of area removed from combined sewer system
- **150,000 gallons of storage volume** for water quality treatment and infiltration
- Reduces annual flows to the combined sewer system by **up to 3 million gallons**

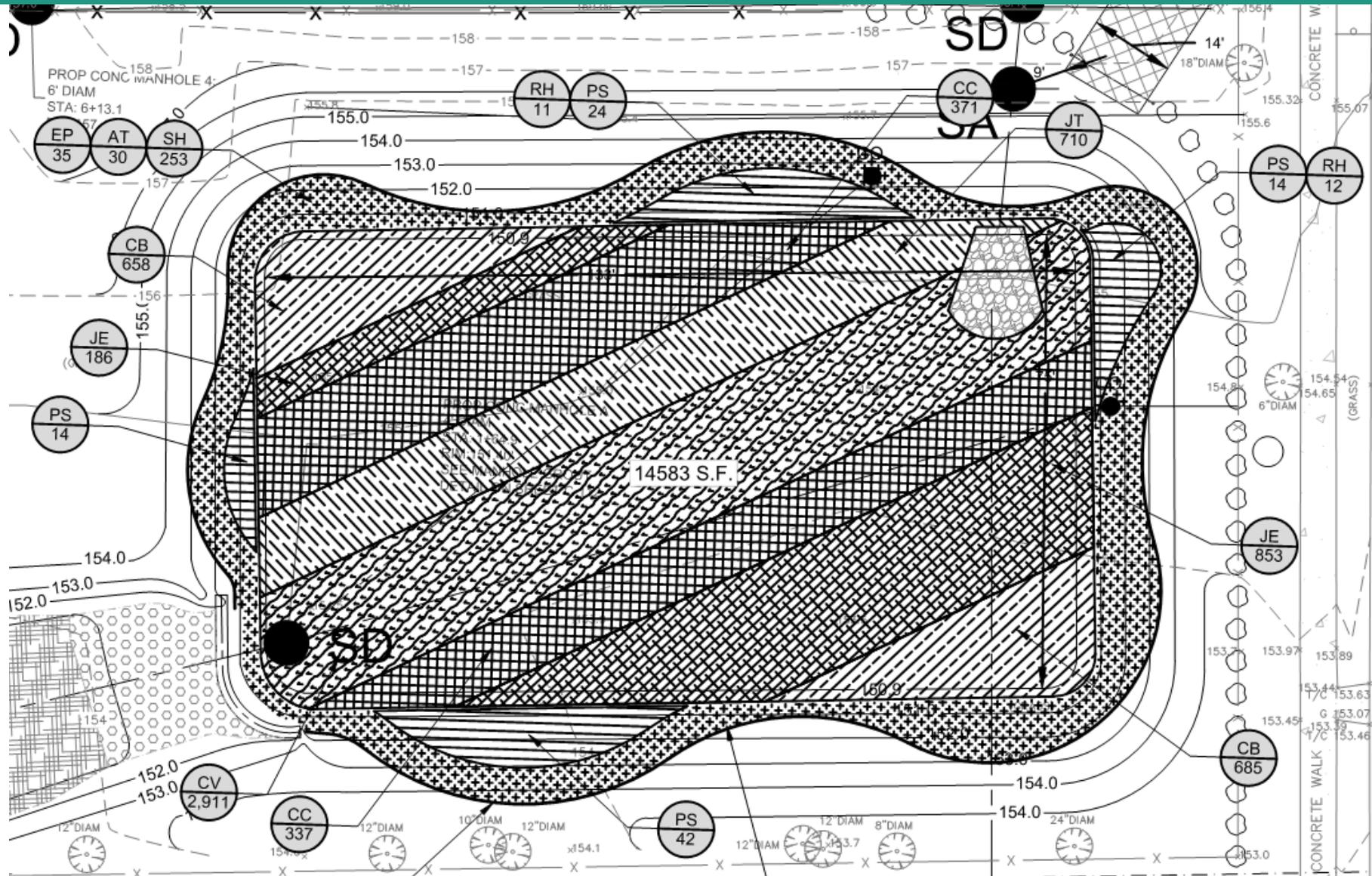


# Planting Examples of Grasses and Perennials

- 1 Blue Flag Iris
- 2 Butterfly Milkweed
- 3 Purple Coneflower
- 4 Prairie Sedge
- 5 Prairie Dropseed
- 6 Brown Fox Sedge



# Planting Plan – South Basin



# Planting Plan – North Basin



# What to Expect

- These upgrades will be implemented in **two phases**
  - **Phase 1:** Excavation
  - **Phase 2:** Pipe Installation and Restoration
- During construction it is DWSD's intention to **minimize inconveniences**
- Contractors will work with the neighborhood school to ensure all **safety precautions** are met and normal school operations continue to function with minimal interruption



**IMPORTANT INFORMATION**  
from Detroit Water  
and Sewerage Department

**System Upgrades**

The Detroit Water and Sewerage Department (DWSD) is upgrading and enhancing its system in your neighborhood. Contractors will be making stormwater management improvements at the sites of Charles Wright Academy and Communication and Media Arts High School.

The contractor will begin work in May 2021. Construction will continue in this area until approximately November 2021.



**What you should expect**

These upgrades will be implemented in two phases. During construction it is DWSD's intention to minimize inconveniences. Please note that the contractors will work with the neighborhood school to ensure all safety precautions are met and normal school operations can continue to function with minimal interruption. However, you should expect the following:

**Phase 1: Excavation**  
(Spring 2021)

Contractors will have large trucks and heavy equipment. For the safety of everyone in the neighborhood, please keep a safe distance from all machinery. During non-working hours, equipment may be parked in a lot with owner approval or the right-of-way.

Construction will bring some noise, dirt and debris to the neighborhood. The Contractor is responsible to keep affected streets swept and neat at all times.

**Phase 1: Pipe Installation & Restoration**  
(Summer & Fall 2021)

In addition to truck traffic and noise, dirt, and debris from construction, there may be traffic impediments, but the neighborhood will be accessible. You should also expect sidewalk closures and restrictions to street parking during construction. Please try to avoid parking on impacted streets.

Continued on the back

**WHO TO CALL:**  
Customer Care assistance  
**313•267•8000**

**Specific questions about this project?**  
Contact the assigned DWSD inspector

**Barry Brown**

at **(313) 648-0167**

**For timely construction updates, join our email distribution list:**

Regular updates on the project will include water and sewer disruption information and progress updates. To receive direct information about construction via email, send your name, street address, and email address to [dwsd-publicaffairs@detroitmi.gov](mailto:dwsd-publicaffairs@detroitmi.gov) (if you provide your telephone number we may also send text message updates).

**Thank you for your patience as we work to improve service.**



**WORKING HARD FOR YOU.**  
[detroitmi.gov/DWSD](http://detroitmi.gov/DWSD)

# PHASE 1: Excavation

- Spring 2021
- DWSD and contractors provided **advance notification** of construction
- Construction can be disruptive and dirty – we will take every effort to **reduce impact**
  - Equipment may be staged on an empty lot with owner's permission, on the right-of-way and/or in the alley
  - Tree trimming or removal may take place in order to access the pipes and other infrastructure
  - Workers will follow COVID-19 safety protocols



**IMPORTANT INFORMATION**  
from Detroit Water  
and Sewerage Department

**System Upgrades**

The Detroit Water and Sewerage Department (DWSD) is upgrading and enhancing its system in your neighborhood. Contractors will be making stormwater management improvements at the sites of Charles Wright Academy and Communication and Media Arts High School.

The contractor will begin work in May 2021. Construction will continue in this area until approximately November 2021.



**What you should expect**

These upgrades will be implemented in two phases. During construction it is DWSD's intention to minimize inconveniences. Please note that the contractors will work with the neighborhood school to ensure all safety precautions are met and normal school operations can continue to function with minimal interruption. However, you should expect the following:

**Phase 1: Excavation**  
(Spring 2021)

Contractors will have large trucks and heavy equipment. For the safety of everyone in the neighborhood, please keep a safe distance from all machinery. During non-working hours, equipment may be parked in a lot with owner approval or the right-of-way.

**Phase 1: Pipe Installation & Restoration**  
(Summer & Fall 2021)

In addition to truck traffic and noise, dirt, and debris from construction, there may be traffic impediments, but the neighborhood will be accessible. You should also expect sidewalk closures and restrictions to street parking during construction. Please try to avoid parking on impacted streets.

Continued on the back

**WHO TO CALL:**  
Customer Care assistance  
**313•267•8000**

**Specific questions about this project?**  
Contact the assigned DWSD inspector

**Barry Brown**

at **(313) 648-0167**

  
**For timely construction updates, join our email distribution list:**

Regular updates on the project will include water and sewer disruption information and progress updates. To receive direct information about construction via email, send your name, street address, and email address to [dwsd-publicaffairs@detroitmi.gov](mailto:dwsd-publicaffairs@detroitmi.gov) (if you provide your telephone number we may also send text message updates).

**Thank you for your patience as we work to improve service.**



**WORKING HARD FOR YOU.**  
[detroitmi.gov/DWSD](http://detroitmi.gov/DWSD)

# PHASE 2: Pipe Installation & Restoration

- Summer - Fall 2021
- Construction will continue to be disruptive – we will take every effort to **reduce impact**
- There may be traffic impediments, but the neighborhood **will be accessible**
- There may be **sidewalk closures** and impacts to street parking
- **Property restoration**, such as lawns, sidewalks, driveways and fences occur after construction, **as weather permits and between April – October**



Water & Sewerage  
Department

**IMPORTANT INFORMATION**  
from Detroit Water  
and Sewerage Department

**System Upgrades**

The Detroit Water and Sewerage Department (DWSD) is upgrading and enhancing its system in your neighborhood. Contractors will be making stormwater management improvements at the sites of Charles Wright Academy and Communication and Media Arts High School.

The contractor will begin work in May 2021. Construction will continue in this area until approximately November 2021.



**What you should expect**

These upgrades will be implemented in two phases. During construction it is DWSD's intention to minimize inconveniences. Please note that the contractors will work with the neighborhood school to ensure all safety precautions are met and normal school operations can continue to function with minimal interruption. However, you should expect the following:

**Phase 1: Excavation**  
(Spring 2021)

Contractors will have large trucks and heavy equipment. For the safety of everyone in the neighborhood, please keep a safe distance from all machinery. During non-working hours, equipment may be parked in a lot with owner approval or the right-of-way.

**Phase 1: Pipe Installation & Restoration**  
(Summer & Fall 2021)

In addition to truck traffic and noise, dirt, and debris from construction, there may be traffic impediments, but the neighborhood will be accessible. You should also expect sidewalk closures and restrictions to street parking during construction. Please try to avoid parking on impacted streets.

Continued on the back

**WHO TO CALL:**  
Customer Care assistance  
**313•267•8000**

**Specific questions about this project?**  
Contact the assigned DWSD inspector

**Barry Brown**

at (313) 648-0167



**For timely construction updates, join our email distribution list:**

Regular updates on the project will include water and sewer disruption information and progress updates.

To receive direct information about construction via email, send your name, street address, and email address to [dwsd-publicaffairs@detroitmi.gov](mailto:dwsd-publicaffairs@detroitmi.gov) (if you provide your telephone number we may also send text message updates).

**Thank you for your patience as we work to improve service.**



**WORKING HARD FOR YOU.**  
[detroitmi.gov/DWSD](http://detroitmi.gov/DWSD)

# Next Steps

- Construction begins mid-May
- Check Nextdoor for project updates
- Email questions or concerns to [dwsd-publicaffairs@detroitmi.gov](mailto:dwsd-publicaffairs@detroitmi.gov)



**Water & Sewerage  
Department**

# Questions?



## Detroit Water & Sewerage Department

**Email:** [DWSD-publicaffairs@detroitmi.gov](mailto:DWSD-publicaffairs@detroitmi.gov)

For more information visit: [www.detroitmi.gov/dwsd](http://www.detroitmi.gov/dwsd)

## FOLLOW US!



Facebook.com/DWSDDetroit



@DetroitWaterDep



@detroitwatersewerage

